

Title (en)

Uniform diffuse omni-directional reflecting lens

Title (de)

Einförmige, diffuse, in alle Richtungen reflektierende Linse

Title (fr)

Lentille de réflexion omnidirectionnelle à diffusion uniforme

Publication

EP 1887414 B1 20131218 (EN)

Application

EP 07112578 A 20070716

Priority

US 50009806 A 20060807

Abstract (en)

[origin: EP1887414A1] A transparent multi-layer lens construction to be worn as a sunglass lens, or a fashion lens, that reflects light in a diffuse manner. The multi-layer lens construction is, in part, a combination of surface form and surface texture combined with a reflective medium and an anti-reflective coating. The present invention offers vast improvements over previously disclosed lens constructions in that it provides for both improved reflectivity and improved optical quality.

IPC 8 full level

G02C 7/02 (2006.01)

CPC (source: EP US)

G02C 7/021 (2013.01 - EP US)

Cited by

EP3220190A1; EP3974893A1; EP3896500A1; US8465160B2; US11622849B2; IT202100019760A1; WO2019150317A1; WO2021209451A1; WO2022064050A1; EP2315057B1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1887414 A1 20080213; EP 1887414 B1 20131218; AU 2007202869 A1 20080221; CA 2596191 A1 20080207; JP 2008040497 A 20080221; JP 4912250 B2 20120411; SG 139637 A1 20080229; US 2008030675 A1 20080207; US 2009086154 A1 20090402; US 7443608 B2 20081028; US 7719777 B2 20100518

DOCDB simple family (application)

EP 07112578 A 20070716; AU 2007202869 A 20070620; CA 2596191 A 20070807; JP 2007200370 A 20070801; SG 2007047186 A 20070622; US 28825208 A 20081017; US 50009806 A 20060807